



Cumulative contents of Volume 68

Volume 68, No. 1, July 1998

Papers

E. Kofidis, S. Theodoridis and N. Kalouptsidis Mirror-image symmetric perfect-reconstruction FIR filter banks: Parametrization and design	1
J.S. Thompson, P.M. Grant and B. Mulgrew Performance of antenna array receiver algorithms for CDMA	23
B.-S. Chen, Y.-J. Huang and S.-C. Chen Estimation and equalization of multipath Rician fading channels with stochastic tap coefficients	43
M.B. El Mashade Detection analysis of linearly combined order statistic CFAR algorithms in nonhomogeneous background environments	59
A. Aggoun, M.K. Ibrahim and A. Ashur Design methodology for subdigit pipelined digit-serial IIR filters	73
J.-P. Delmas Performances analysis of a Givens parametrized adaptive eigenspace algorithm	87
J. Beyerer Is it useful to know a nuisance parameter?	107

Fast communications

J.-K. Han and H.-M. Kim Optimization of QAM signal constellation in the presence of Rayleigh fading	113
M. Namba and Y. Ishida Wavelet transform domain blind deconvolution	119
Call for papers	125

Volume 68, No. 2, July 1998

Papers

D. Dembélé and G. Favier Recursive estimation of fourth-order cumulants with application to identification	127
M. Morháč and V. Matoušek Fast adaptive Fourier-based transform and its use in multidimensional data compression	141
S. Zozor, É. Moisan and P.-O. Amblard Revisiting the estimation of the mean using order statistics	155
K.-L. Chung and W.-M. Yan On matrix factorizations for recursive pruned discrete cosine transforms	175
S. Nakamori Design of predictor using covariance information in continuous-time stochastic systems with nonlinear observation mechanism	183
M. Zoltowski Why do optimal forgetting RLSs exhibit long term divergence and how can this be avoided?	195

Fast communication

- K.-y. Yoo and J.-k. Kim
A new fast local motion estimation algorithm using global motion 219

Volume 68, No. 3, August 1998**Papers**

- H.-C. Chiang and J.-C. Liu
Fast approximation of time-frequency representations at arbitrary frequencies 225
- U. Spagnolini and S. Grion
Shape parameter estimation of wavefronts with known waveform 233
- J.-Y. Tourneret
Detection and estimation of abrupt changes contaminated by multiplicative Gaussian noise 259
- H.H. Yang
On-line blind equalization via on-line blind separation 271
- B. Lacaze
Periodic bi-sampling of stationary processes 283
- O. Franzen, H. Blume and H. Schröder
FIR-filter design with spatial and frequency design constraints using evolution strategies 295
- H. Akçay, S.M. Islam and B. Ninness
Identification of power transformer models from frequency response data: A case study 307
- K.V.S. Babu, Y. Yoganandam and V.U. Reddy
Adaptive estimation of eigensubspace and tracking the directions of arrival 317
- Author index of Volume 68** 341
- Cumulative contents of Volume 68** 343

